AMENDMENTS

(a) Please cancel claim 31 without prejudice or disclaimer.

(b) Please amend the claims as follows:

5.   (Once Amended) The method of claim 4, wherein the resource constrained mode is one of a plurality of resource constrained modes determined by the user interaction.

6.   (Once Amended) The method of claim 4, wherein the user interaction includes causing the video decoding system to reduce spatial resolution of video output.

7.   (Once Amended) The method of claim 4, wherein the user interaction includes causing graphics to be generated and output along with the video output.

29.   (Once Amended) A video decoding method comprising the steps of:
determining that a video decoding rate of received video input should be reduced while maintaining synchronization with an unmodified audio decoding rate; and
reducing the video decoding rate accordingly.

32.   (Once Amended) A video decoding method comprising the steps of:
determining whether a picture repetition mode should be initiated;
initiating a mode of repeating pictures responsive to determining that the picture repetition mode should be initiated; and
wherein the determining step is responsive to a step of determining that at least one resource is constrained.

(c) Please add the following claims:

33. (New) The method of claim 1, wherein the received video input has a first picture rate, and wherein an output video stream has a second picture rate that is higher than the first picture rate.

34. (New) The method of claim 33, wherein a decoded picture is presented a plurality of times in place of a picture that is not decoded.

35. (New) The method of claim 33, wherein a decoded picture is presented five times if a subsequent picture is not decoded.

36. (New) The method of claim 35, wherein the first picture rate is 24 Hertz and the second picture rate is 60 Hertz.

37. (New) The method of claim 1, further comprising:

retrieving a first set of video data from a memory component, wherein the first set of video data corresponds to a first video picture;

scaling the first set of video data into a second set of video data corresponding to a second video picture that is smaller than the first video picture;

transmitting the second set of video data to a display device, wherein the second set of video data is not stored in the memory component prior to being transmitted;

transmitting graphics data to the display device, wherein the graphics data is displayed contemporaneously with the second set of video data.

38. (New) The method of claim 37, wherein the memory component stores compressed video data and decompressed video data.

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39.   (New) The method of claim 38, wherein the memory component is coupled to a video decoder.

40.   (New) A method in a video decoding system for adapting to resource constraints, said method comprising steps of:

 determining whether a resource constrained mode is to be initiated;

 responsive to determining that the resource constrained mode is to be initiated, initiating the resource constrained mode, including foregoing decoding of portions of received video input;

 wherein the received video input has a first picture rate;

 wherein an output video stream has a second picture rate that is higher than the first picture rate; and

 wherein a decoded picture is presented a plurality of times in place of a picture that is not decoded.

41.   (New) The method of claim 40, wherein a decoded picture is presented five times if a subsequent picture is not decoded.

42.   (New) The method of claim 41, wherein the first picture rate is 24 Hertz and the second picture rate is 60 Hertz.

43.   (New) The method of claim 1, further comprising:

 providing an interlaced video picture output having a first set of display fields that is interlaced with a second set of display fields.

44.   (New) The method of claim 43, wherein the content of the second set of display fields is derived from the content of the first set of display fields in order to avoid jitter artifacts.

45.   (New) The method of claim 44, wherein the content of the second set of display fields is copied from the content of the first set of display fields.